AMERICAN JOURNAL OF MATHEMATICS

Founded in 1878 by The Johns Hopkins University

INDEX TO VOLUME 126 2004

PAGE

ALEXANDER, STEPHANIE, and MOHAMMAD GHOMI. The convex hull property of noncompact hypersurfaces with positive curvature 891

ANDO, MATTHEW, MICHAEL J. HOPKINS, and NEIL P. STRICKLAND. The sigma orientation is an H_∞ map 247

BECHOUCHE, PHILIPPE, NORBERT J. MAUSER, and SIGMUND SELBERG. Nonrelativistic limit of Klein-Gordon-Maxwell to Schrödinger-Poisson ... 31

BOGOMOLOV, FEDOR, JORGE MACIEL, and TIHOMIR PETROV. Unramified Brauer groups of finite simple groups of Lie type A_ℓ 935

BRACCI, FILIPPO, and LAURA MOLINO. The dynamics near quasi-parabolic fixed points of holomorphic diffeomorphisms in $\mathbb{C}^2$ 671

BURQ, N., P. GÉRARD and N. TZVETKOV. Strichartz inequalities and the nonlinear Schrödinger equation on compact manifolds 569

CANARY, RICHARD D., and SA'AR HERSONSKY. Ubiquity of geometric finiteness in boundaries of deformation spaces of hyperbolic 3-manifolds..... 1193

ČERNE, MIRAN. Nonlinear Riemann-Hilbert problem for bordered Riemann surfaces 65

CHERRY, WILLIAM, and MIN RU. Rigid analytic Picard theorems 873

CLEMENS, HERBERT, and ZIV RAN. Twisted genus bounds for subvarieties of generic hypersurfaces (with Appendices by Ziv Ran) 89

CORTI, ALESSIO, and MASSIMILIANO MELLA. Birational geometry of terminal quartic 3-folds, I 739

CORVAJA, PIETRO, and UMBERTO ZANNIER. On a general Thue's equation .. 1033

DIEULEFAIT, LUIS, and NÚRIA VILA. On the images of modular and geometric three-dimensional Galois representations 335

DRAGOVIĆ, VLADIMIR, and BORISLAV GAJIĆ . The Lagrange bitop on so(4)× so(4) and geometry of the Prym varieties 981

DUJARDIN, ROMAIN. Hénon-like mappings in $\mathbb{C}^2$ 439

DUTTA, S. P. On negativity of higher Euler characteristics 1341

DYKEMA, KEN, and UFFE HAAGERUP. DT-operators and decomposability of Voiculescu's circular operator 121

EIN, LAWRENCE, and MIRCEA MUSTAŢĂ. Inversion of adjunction for local complete intersection varieties 1355

EISENBUD, DAVID, CRAIG HUNEKE, and BERND ULRICH. Heights of ideals of minors 417

ELLENBERG, JORDAN S. Galois representations attached to $\mathbb{Q}$-curves and the generalized Fermat equation $A^4 + B^2 = C^p$ 763

EVANS, R.A. Tameness persists in weakly type-preserving strong limits 713

FANG, FUQUAN, and XIAOCHUN RONG. Positively curved manifolds with maximal discrete symmetry rank 227

FREIERMUTH, HANS GEORG, and GÜNTHER TRAUTMANN. On the moduli scheme of stable sheaves supported on cubic space curves 363

GAJIĆ, BORISLAV. See DRAGOVIĆ, VLADIMIR.

GÉRARD, P. See BURQ, N..

GHOMI, MOHAMMAD. See ALEXANDER, STEPHANIE.

GOETTE, SEBASTIAN, NITU KITCHLOO, and KRISHNAN SHANKAR. Diffeomorphism type of the Berger space SO(5)/SO(3) 395

HAAGERUP, UFFE. See DYKEMA, KEN.

HASKINS, MARK. Special Lagrangian cones 845

HERSONSKY, SA'AR. See CANARY, RICHARD D..

HOPKINS, MICHAEL J. See ANDO, MATTHEW.

HOWARD, BENJAMIN. Derived p-adic heights and p-adic L-functions 1315

HUNEKE, CRAIG. See EISENBUD, DAVID.

ISOZAKI, HIROSHI. Inverse spectral problems on hyperbolic manifolds and their applications to inverse boundary value problems in Euclidean space 1261

KABLE, ANTHONY C. Asai L-functions and Jacquet's conjecture 789

KAWAMATA, YUJIRO. Equivalences of derived catgories of sheaves on smooth stacks 1057

KIM, HENRY H., and KYU-HWAN LEE. Spherical Hecke algebras of SL_2 over 2-dimensional local fields 1381

KITCHLOO, NITU. See GOETTE, SEBASTIAN.

KÖCK, BERNHARD. Galois structure of Zariski cohomology for weakly ramified covers of curves 1085

KUSHNIRSKY, EUGENE. On some Haar measures on reductive groups 649

LEE, KYU-HWAN. See KIM, HENRY H..

LEE, Y.-P., and R. PANDHARIPANDE. A reconstruction theorem in quantum cohomology and quantum K-theory 1367

MACIEL, JORGE. See BOGOMOLOV, FEDOR.

MAUSER, NORBERT J. See BECHOUCHE, PHILIPPE.

MAZZEO, RAFE, and ANDRÁS VASY. Analytic continuation of the resolvent of the Laplacian on SL(3)/SO(3) 821

MCCLURE, JAMES E., and JEFFREY H. SMITH. Cosimplicial objects and little n-cubes, I 1109

MCKAY, BENJAMIN. The Blaschke conjecture and great circle fibrations of spheres 1155

MELLA, MASSIMILIANO. See CORTI, ALESSIO.

MOLINO, LAURA. See BRACCI, FILIPPO.

MOOSA, RAHIM, and THOMAS SCANLON. F-structures and integral points on semiabelian varieties over finite fields 473

MORIYAMA, TOMONORI. Entireness of the Spinor L-functions for certain generic cusp forms on $GSp(2)$ 899

MUSTAŢĂ, MIRCEA. See EIN, LAWRENCE.

O'SHEA, DONAL B., and LESLIE C. WILSON. Limits of tangent spaces to real surfaces 951

PANDHARIPANDE, R. See LEE, Y.-P.

PETROV, TIHOMIR. See BOGOMOLOV, FEDOR.

PHONG, D. H., and JACOB STURM. Scalar curvature, moment maps, and the Deligne pairing 693

RAN, ZIV. See CLEMENS, HERBERT.

ROJAS, J. MAURICE. Arithmetic multivariate Descartes' rule 1

RONG, XIAOCHUN. See FANG, FUQUAN.

RU, MIN. A defect relation for holomorphic curves intersecting hypersurfaces. 215

RU, MIN. See CHERRY, WILLIAM.

SCANLON, THOMAS. See MOOSA, RAHIM.

SEEGER, ANDREAS, TERENCE TAO, and JAMES WRIGHT. Singular maximal functions and Radon transforms near L^1 607

SELBERG, SIGMUND. See BECHOUCHE, PHILIPPE.

SHANKAR, KRISHNAN. See GOETTE, SEBASTIAN.

SHIMURA, GORO. Inhomogeneous quadratic forms and triangular numbers 191

SMITH, JEFFREY H.. See MCCLURE, JAMES E..

SOMBRA, MARTÍN. The height of the mixed sparse resultant 1253

STRICKLAND, NEIL P. See ANDO, MATTHEW.

STURM, JACOB. See PHONG, D. H.

TAKAYAMA, SHIGEHARU. On the existence of pluricanonical forms on varieties with infinite fundamental group 1221

TAO, TERENCE. See SEEGER, ANDREAS.

TOLSA, XAVIER. The semiadditivity of continuous analytic capacity and the inner boundary conjecture 523

TRAUTMANN, GÜNTHER. See FREIERMUTH, HANS GEORG.

TUMANOV, A. Addendum to "Extremal discs and the regularity of CR mappings in higher codimension" 687

TZVETKOV, N. See BURQ, N..

ULRICH, BERND. See EISENBUD, DAVID.

VASY, ANDRÁS. See MAZZEO, RAFE.

VILA, NÚRIA. See DIEULEFAIT, LUIS,.

VOLL, CHRISTOPHER . Zeta functions of groups and enumeration in Bruhat-Tits buildings 1005

WANG, MU-TAO. Interior gradient bounds for solutions to the minimal surface system..... 921

WESTON, TOM. Unobstructed modular deformation problems 1237

WILSON, LESLIE C. See O'SHEA, DONAL B.

WRIGHT, JAMES. See SEEGER, ANDREAS.

ZANNIER, UMBERTO. See CORVAJA, PIETRO.